

#### Editors

Prof. M. Flytzani-Stephanopoulos  
 Department of Chemical and  
 Biological Engineering  
 Tufts University  
 4 Colby St. Medford, MA 02155  
 E-mail: mflytzan@tufts.edu

Dr. R. McCabe  
 Dept. of Chemical Engineering  
 Ford Motor Company  
 2101 Village Road, MD3179/RIC, MI 48121  
 Michigan, USA  
 E-mail: bobmccabe03@gmail.com

Prof. I.-S. Nam  
 Department of Chemical Engineering  
 Pohang Univ. of Science & Technology  
 Hyoja San 31 Nam-gu  
 Pohang, Republic of Korea  
 E-mail: isnam@postech.ac.kr

Prof. Hiromi Yamashita  
 Division of Materials and Manufacturing  
 Science  
 Graduate School of Engineering Osaka  
 University  
 2-1 Yamada-oka, Suita Osaka 565-0871  
 Japan  
 E-mail: yamashita@mat.eng.osaka-u.ac.jp

Prof. X. Verykios  
 Dept. of Chemical Engineering  
 University of Patras  
 GR 26504 Patras  
 Greece  
 E-mail: verykios@rea.chemeng.upatras.gr

#### Associate Editors

Prof. Yung-Eun Sung  
 School of Chem. & Bio. Engineering  
 Seoul National University 1 Gwanak-ro,  
 Gwanak-gu Seoul, Republic of Korea  
 E-mail: ysung@snu.ac.kr

Prof. Hexing Li  
 Department of Chemistry  
 Shanghai Normal University  
 100 Guilin R Shanghai, China  
 E-mail: Hexing-li@shnu.edu.cn

Prof. Yongfa Zhu  
 Tsinghua University,  
 Beijing, China  
 Email: zhuyf@tsinghua.edu.cn

Dr. Adrian M.T Silva  
 Faculdade de Engenharia  
 da Universidade do Porto  
 Porto, Portugal  
 E-mail: adrian@fe.up.pt

#### Founding Editor

Prof. B. Delmon, Louvain-la-Neuve, Belgium

#### Editorial Board

T. An (Guangzhou, China)  
 J.A. Anderson (Old Aberdeen, Scotland, UK)  
 E. Antolini (Genova, Italy)  
 C.R. Apesteguia (Santa Fe, Argentina)  
 M.A. Baltanas (INTEC, Santa Fe, Argentina)  
 E. Brillas (Barcelona, Spain)  
 H. de Lasa (London, Ontario, Canada)  
 C. Descorme (Villeurbanne Cedex, France)  
 D. Dionysiou (Cincinnati, Ohio, USA)  
 D. Duprez (Poitiers, France)  
 A.M. Efsthathiou (Nicosia, Cyprus)  
 K. Eguchi (Kyoto, Japan)  
 W. Epling (Houston, Texas, USA)  
 P. Falaras (Athen, Greece)  
 R. Farnood (Toronto, Ontario, Canada)  
 R. Farrauto (Iselin, New Jersey, USA)

E.M. Gaigneaux (Louvain-la-Neuve, Belgium)  
 M. Haneda (Tajimi, Gifu, Japan)  
 F. Hernandez-Beltran (Mexico D F, Mexico)  
 S.B. Hong (Pohang, Gyeongbuk,  
 South Korea)  
 H. Idriss (Riyadh, Saudi Arabia)  
 H. Kominami (Osaka, Japan)  
 J. Li (Beijing, China)  
 C.-J. Liu (Tianjin, China)  
 A. Martinez Arias (Madrid, Spain)  
 C. Martinez-Huitle (Natal, RN, Brazil)  
 F. Meunier (Caen, France)  
 K. Mori, PhD (Osaka, Japan)  
 F.B. Noronha (Rio de Janeiro, Brazil)  
 I. Nova (Milano, Italy)  
 T. Ohno (Kitakyushu, Fukuoka, Japan)

B. Ohtani (Sapporo, Japan)  
 U.S. Ozkan (Columbus, Ohio, USA)  
 V.I. Parvulescu (Bucharest, Romania)  
 J. Pérez-Ramírez (Zurich, Switzerland)  
 S. Pillai (Sligo, Ireland)  
 B. Subramaniam (Lawrence, Kansas, USA)  
 V.R. Subramanian (Reno, Nevada, USA)  
 S.L. Suib (Storrs, Connecticut, USA)  
 A. Trovarelli (Udine, Italy)  
 M. Wong (Houston, Texas, USA)  
 H. Yoshida (Kyoto, Japan)  
 J. Zhang (Shanghai, China)  
 L. Zhang (Wuhan, China)  
 T. Zhang (Dalian, China)

#### Scope

*Applied Catalysis B: Environmental* welcomes original, novel and high-impact contributions from the following fields:

- Catalytic elimination of environmental pollutants, such as nitrogen oxides, carbon monoxide, sulfur compounds, chlorinated and other organic compounds, and soot emitted from stationary or mobile sources
- Basic understanding of catalysts used in environmental pollution abatement, especially as applied to industrial processes
- All aspects of preparation, characterization, activation, deactivation and regeneration of novel and commercially applicable environmental catalysts
- New catalytic routes and processes for the production of clean energy, such as in hydrogen generation via catalytic fuel processing; and new catalysts and electrocatalysts for fuel cells
- Catalytic reactions in which wastes are converted to useful products
- Clean manufacturing replacing toxic chemicals with environmentally friendly catalysts
- Scientific aspects of photocatalytic processes and basic understanding of photocatalysts as applied to environmental problems
- New catalytic combustion technologies and catalysts

Papers dealing with reactions and processes aimed at the production of commercial products and the remaining aspect of catalysis should be directed to *Applied Catalysis A: General*. Enzymatic papers should be directed to *Journal of Molecular Catalysis B*.

Information on submission of manuscripts is available at [www.elsevier.com/locate/apcatb](http://www.elsevier.com/locate/apcatb).

Processed at Thomson Digital, Gangtok (India)